



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

### Air Quality - Part 70 Operating Permit Amendment

**Facility Name:** Delta Air Lines, Inc. - Atlanta Station  
**Facility Address:** Hartsfield-Jackson International Airport  
Atlanta, Georgia 30320, Clayton and Fulton Counties  
**Mailing Address:** P.O. Box 20706  
Atlanta, Georgia 30320  
**Parent/Holding Company:** Delta Air Lines, Inc.  
**Facility AIRS Number:** 04-13-063-00059

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued an amendment to the Part 70 Operating Permit for:

**To incorporate two off-permit changes, remove equipment from the GSE shop, and remove equipment that are now included in FSM Group's Permit, No. 8744-063-0152-E-01-0.**

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Amendment and Permit No. 4512-063-0059-V-04-0. Unless modified or revoked, this Amendment expires simultaneously with Permit No. **4512-063-0059-V-04-0**. This Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in App No. **TV-602281** dated **September 9, 2022**; any other applications upon which this Amendment or Permit No. **4512-063-0059-V-04-0** are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **7** pages.



Richard E. Dunn, Director  
Environmental Protection Division

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**PART 1.0 FACILITY DESCRIPTION**

**1.3 Process Description of Modification**

Delta Air Lines, Inc. - Atlanta Station (hereinafter “facility”) submitted a Title V minor amendment without construction application, No. 602281 for the following:

- To incorporate the three cold cleaners that were previously permitted in two off-permit changes (OPCs).
- To remove equipment from the GSE shop that was decommissioned in the fourth quarter of 2020.
- To remove equipment that is now operated by FSM Group – Atlanta and included in their permit, No. 8744-063-0152-E-01-0 (issued on February 21, 2022).

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### PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

#### 3.1 Updated Emission Units

REGULATORY GROUPS				
Emission Units/Groups		Specific Limitations/Requirements	Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	ID No.	Description
BF41	Boilers Constructed On or After January 1, 1972	GA Rule 391-3-1-.02(2)(d) GA Rule 391-3-1-.02(2)(g) GA Rule 391-3-1-.02(2)(rrr) 40 CFR 63 Subpart DDDDD	NA	NA
BF42	Process Heaters	391-3-1-.02(b) 391-3-1-.02(g) 391-3-1-.02(yy)	N/A	N/A
ET41	Automotive Engine Test Cells	GA Rule 391-3-1-.02(2)(b) GA Rule 391-3-1-.02(2)(g) GA Rule 391-3-1-.02(2)(yy)	NA	NA
PG41	Non-Aerospace Spray Gun Cleaners	GA Rule 391-3-1-.02(2)(tt)	NA	NA
PT41	Non-Aerospace Spray Booths	GA Rule 391-3-1-.02(2)(b) GA Rule 391-3-1-.02(2)(e) GA Rule 391-3-1-.02(2)(tt)	PF04	Filter
<del>REM1</del>	<del>Site Remediation Activities</del>	<del>40 CFR 63, Subpart GGGGG</del>	<del>NA</del>	<del>NA</del>
SC43	Non-Aerospace Cold Cleaners	GA Rule 391-3-1-.02(2)(ff)	NA	NA
ST42	Volatile Organic Liquid Storage Tanks	GA Rule 391-3-1-.02(2)(vv)	NA	NA
<del>ST43</del>	<del>Large Gasoline Service Stations</del>	<del>GA Rule 391-3-1-.02(2)(bb) GA Rule 391-3-1-.02(2)(rr)</del>	<del>NA</del>	<del>Stage I Controls</del>
<del>ST44</del>	<del>Small Gasoline Service Station</del>	<del>GA Rule 391-3-1-.02(2)(rr)</del>	<del>NA</del>	<del>Stage I Controls</del>

NSR AVOIDANCE GROUPS				
Emission Units/Groups		Specific Limitations/Requirements	Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	ID No.	Description
NSR4	Ground Support Equipment Surface Coating (pka PT41 and PG41)	NAA-NSR Avoidance	NA	None for VOC

\* Generally applicable requirements contained in this permit may also apply to emission units listed above. The lists of applicable requirements/standards are intended as a compliance tool and may not be definitive.

\* See Attachment D for a detailed listing of individual emission units in each Equipment Group

#### 3.3 Equipment Federal Rule Standards

3.3.1 Deleted.

#### 3.4 Equipment SIP Rule Standards

3.4.5 Deleted.

3.4.7 Deleted.

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3.4.8 Deleted.

**PART 4.0 REQUIREMENTS FOR TESTING**

**4.2 Specific Testing Requirements**

4.2.1 Deleted.

4.2.2 Deleted.

4.2.3 Deleted.

**PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS****6.1 General Record Keeping and Reporting Requirements**Modified Condition:

6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

None required to be reported in accordance with Condition 6.1.4.

- b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

- i. Any VOC emissions from NSR Avoidance Group NSR4 equal to or exceeding 25 tons during any consecutive 12-month period.

- c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

- i. Any failure to conduct the tune-up required by Condition 5.2.2b, or any operation of any fuel-burning equipment in Equipment Group BF41 during the ozone season (May 1 - September 30), reported to not be operated in accordance with Condition 5.2.2g.

[391-3-1-.02(2)(rrr)]

- ii. Any use of a fuel other than natural gas, LPG or Propane during the ozone season in any fuel burning equipment in Equipment Group BF41, without a declaration of natural gas curtailment.

[391-3-1-.02(2)(rrr)]

- d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:

- i. A certification that none of the solvents listed in Condition 2.1.1 were used in any cold cleaner in Equipment Group SC43.

- ii. Deleted.

- iii. Any failure to conduct the tune-up required by Condition 3.4.12.
- iv. Any failure to conduct the filter pressure drop monitoring required by Condition 5.2.1 or operation of any paint booth in Equipment Group PT41 with a pressure drop in excess of the manufacturer's recommendation.
- v. Deleted.
- vi. Any solvent cleaning work practice deviations detected by the inspection in Condition 6.2.7.
- vii. Any paint gun cleaning work practice deviations detected by the inspections in Conditions 6.2.9 or 6.2.10.
- viii. Any application technique deviations detected by the inspection in Condition 6.2.10.
- ix. A copy of Attachment D to this Permit depicting the current assignment of emission units in each Regulatory/NSR Avoidance Group.
- x. If relocation(s) are conducted in accordance with Condition 7.1.2 that affect this facility, provide the date of relocation, affected emission unit identification number, identification of the donating facility and equipment group and the receiving facility and equipment group.

## **6.2 Specific Record Keeping and Reporting Requirements**

6.2.6 Deleted.

6.2.8 Deleted.



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### **Attachments**

- A. List of Standard Abbreviations and List of Permit Specific Abbreviations
- B. Insignificant Activities Checklist, Insignificant Activities Based on Emission Levels and Generic Emission Groups
- C. List of References
- D. List of Emission Units Per Equipment Group
- E. List of Insignificant Emission Units

## List Of Standard Abbreviations

[illegible]


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### ATTACHMENT B

**NOTE:** Attachment B contains information regarding insignificant emission units/activities and groups of generic emission units/activities in existence at the facility at the time of Permit issuance. Future modifications or additions of insignificant emission units/activities and equipment that are part of generic emissions groups may not necessarily cause this attachment to be updated.

#### INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
<b>Mobile Sources</b>	1. Cleaning and sweeping of streets and paved surfaces	
<b>Combustion Equipment</b>	1. Fire fighting and similar safety equipment used to train fire fighters or other emergency personnel.	
	2. Small incinerators that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act and are not considered a "designated facility" as specified in 40 CFR 60.32e of the Federal emissions guidelines for Hospital/Medical/Infectious Waste Incinerators, that are operating as follows:	
	i) Less than 8 million BTU/hr heat input, firing types 0, 1, 2, and/or 3 waste.	
	ii) Less than 8 million BTU/hr heat input with no more than 10% pathological (type 4) waste by weight combined with types 0, 1, 2, and/or 3 waste.	
	iii) Less than 4 million BTU/hr heat input firing type 4 waste. (Refer to 391-3-1-.03(10)(g)2.(ii) for descriptions of waste types)	
	3. Open burning in compliance with Georgia Rule 391-3-1-.02 (5).	
	4. Stationary engines burning:	
	i) Natural gas, LPG, gasoline, dual fuel, or diesel fuel which are used exclusively as emergency generators shall not exceed 500 hours per year or 200 hours per year if subject to Georgia Rule 391-3-1-.02(2)(mmm).7	4
	ii) Natural gas, LPG, and/or diesel fueled generators used for emergency, peaking, and/or standby power generation, where the combined peaking and standby power generation do not exceed 200 hours per year.	
	iii) Natural gas, LPG, and/or diesel fuel used for other purposes, provided that the output of each engine does not exceed 400 horsepower and that no individual engine operates for more than 2,000 hours per year.	
	iv) Gasoline used for other purposes, provided that the output of each engine does not exceed 100 horsepower and that no individual engine operates for more than 500 hours per year.	
<b>Trade Operations</b>	1. Brazing, soldering, and welding equipment, and cutting torches related to manufacturing and construction activities whose emissions of hazardous air pollutants (HAPs) fall below 1,000 pounds per year.	7
<b>Maintenance, Cleaning, and Housekeeping</b>	1. Blast-cleaning equipment using a suspension of abrasive in water and any exhaust system (or collector) serving them exclusively.	
	2. Portable blast-cleaning equipment.	
	3. Non-Perchloroethylene Dry-cleaning equipment with a capacity of 100 pounds per hour or less of clothes.	
	4. Cold cleaners having an air/vapor interface of not more than 10 square feet and that do not use a halogenated solvent.	
	5. Non-routine clean out of tanks and equipment for the purposes of worker entry or in preparation for maintenance or decommissioning.	
	6. Devices used exclusively for cleaning metal parts or surfaces by burning off residual amounts of paint, varnish, or other foreign material, provided that such devices are equipped with afterburners.	
	7. Cleaning operations: Alkaline phosphate cleaners and associated cleaners and burners.	

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### INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
<b>Laboratories and Testing</b>	1. Laboratory fume hoods and vents associated with bench-scale laboratory equipment used for physical or chemical analysis.	
	2. Research and development facilities, quality control testing facilities and/or small pilot projects, where combined daily emissions from all operations are not individually major or are support facilities not making significant contributions to the product of a collocated major manufacturing facility.	
<b>Pollution Control</b>	1. Sanitary waste water collection and treatment systems, except incineration equipment or equipment subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
	2. On site soil or groundwater decontamination units that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
	3. Bioremediation operations units that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
	4. Landfills that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
<b>Industrial Operations</b>	1. Concrete block and brick plants, concrete products plants, and ready mix concrete plants producing less than 125,000 tons per year.	
	2. Any of the following processes or process equipment which are electrically heated or which fire natural gas, LPG or distillate fuel oil at a maximum total heat input rate of not more than 5 million BTU's per hour:	
	i) Furnaces for heat treating glass or metals, the use of which do not involve molten materials or oil-coated parts.	
	ii) Porcelain enameling furnaces or porcelain enameling drying ovens.	
	iii) Kilns for firing ceramic ware.	
	iv) Crucible furnaces, pot furnaces, or induction melting and holding furnaces with a capacity of 1,000 pounds or less each, in which sweating or distilling is not conducted and in which fluxing is not conducted utilizing free chlorine, chloride or fluoride derivatives, or ammonium compounds.	
	v) Bakery ovens and confection cookers.	
	vi) Feed mill ovens.	
	vii) Surface coating drying ovens	
	3. Carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, shot blasting, shot peening, or polishing; ceramics, glass, leather, metals, plastics, rubber, concrete, paper stock or wood, also including roll grinding and ground wood pulping stone sharpening, provided that:	16
	i) Activity is performed indoors; &	
	ii) No significant fugitive particulate emissions enter the environment; &	
	iii) No visible emissions enter the outdoor atmosphere.	
	4. Photographic process equipment by which an image is reproduced upon material sensitized to radiant energy (e.g., blueprint activity, photographic developing and microfiche).	
	5. Grain, food, or mineral extrusion processes	
	6. Equipment used exclusively for sintering of glass or metals, but not including equipment used for sintering metal-bearing ores, metal scale, clay, fly ash, or metal compounds.	
	7. Equipment for the mining and screening of uncrushed native sand and gravel.	
	8. Ozonization process or process equipment.	
	9. Electrostatic powder coating booths with an appropriately designed and operated particulate control system.	
	10. Activities involving the application of hot melt adhesives where VOC emissions are less than 5 tons per year and HAP emissions are less than 1,000 pounds per year.	
	11. Equipment used exclusively for the mixing and blending water-based adhesives and coatings at ambient temperatures.	
	12. Equipment used for compression, molding and injection of plastics where VOC emissions are less than 5 tons per year and HAP emissions are less than 1,000 pounds per year.	
	13. Ultraviolet curing processes where VOC emissions are less than 5 tons per year and HAP emissions are less than 1,000 pounds per year.	

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### INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
Storage Tanks and Equipment	1. All petroleum liquid storage tanks storing a liquid with a true vapor pressure of equal to or less than 0.50 psia as stored.	13
	2. All petroleum liquid storage tanks with a capacity of less than 40,000 gallons storing a liquid with a true vapor pressure of equal to or less than 2.0 psia as stored that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
	3. All petroleum liquid storage tanks with a capacity of less than 10,000 gallons storing a petroleum liquid.	48
	4. All pressurized vessels designed to operate in excess of 30 psig storing petroleum fuels that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
	5. Gasoline storage and handling equipment at loading facilities handling less than 20,000 gallons per day or at vehicle dispensing facilities that are not subject to any standard, limitation or other requirement under Section 111 or 112 (excluding 112(r)) of the Federal Act.	
	6. Portable drums, barrels, and totes provided that the volume of each container does not exceed 550 gallons.	1
	7. All chemical storage tanks used to store a chemical with a true vapor pressure of less than or equal to 10 millimeters of mercury (0.19 psia).	5

### INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
IEL04 - Ultrasonic Cleaners	1
IEL41 - Aqueous Parts Washers	2
IEL44 - Tumbling Cleaning Units	1

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### ATTACHMENT B (continued)

#### GENERIC EMISSION GROUPS

Emission units/activities appearing in the following table are subject only to one or more of Georgia Rules 391-3-1-.02 (2) (b), (e) &/or (n). Potential emissions of particulate matter, from these sources based on TSP, are less than 25 tons per year per process line or unit in each group. Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Emissions Units / Activities	Number of Units (if appropriate)	Applicable Rules		
		Opacity Rule (b)	PM from Mfg Process Rule (e)	Fugitive Dust Rule (n)
n/a				

The following table includes groups of fuel burning equipment subject only to Georgia Rules 391-3-1-.02 (2) (b) & (d). Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Fuel Burning Equipment	Number of Units
Fuel burning equipment with a rated heat input capacity of less than 10 million BTU/hr burning only natural gas and/or LPG.	0
Fuel burning equipment with a rated heat input capacity of less than 5 million BTU/hr, burning only distillate fuel oil, natural gas and/or LPG.	1
Any fuel burning equipment with a rated heat input capacity of 1 million BTU/hr or less.	19

**ATTACHMENT C****LIST OF REFERENCES**

1. The Georgia Rules for Air Quality Control Chapter 391-3-1. All Rules cited herein which begin with 391-3-1 are State Air Quality Rules.
2. Title 40 of the Code of Federal Regulations; specifically 40 CFR Parts 50, 51, 52, 60, 61, 63, 64, 68, 70, 72, 73, 75, 76 and 82. All rules cited with these parts are Federal Air Quality Rules.
3. *Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, Procedures for Testing and Monitoring Sources of Air Pollutants.*
4. *Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, Procedures for Calculating Air Permit Fees.*
5. Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume I: Stationary Point and Area Sources. This information may be obtained from EPA's TTN web site at [www.epa.gov/ttn/chief/ap42/index.html](http://www.epa.gov/ttn/chief/ap42/index.html).
6. The latest properly functioning version of EPA's **TANKS** emission estimation software. The software may be obtained from EPA's TTN web site at [www.epa.gov/ttn/chief/software/tanks/index.html](http://www.epa.gov/ttn/chief/software/tanks/index.html).
7. The Clean Air Act (42 U.S.C. 7401 et seq).
8. White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995 (White Paper #1).
9. White Paper Number 2 for Improved Implementation of the Part 70 Operating Permits Program, March 5, 1996 (White Paper #2).

**ATTACHMENT D****LIST OF EMISSION UNITS PER EQUIPMENT GROUP**

<b>REGULATORY GROUPS</b>	
<b>EQUIPMENT GROUP</b>	<b>EMISSION UNIT I.D. NUMBERS</b>
BF41	Natural Gas – 0723*, 0724*, 9603 *Backup fuel is jet fuel or diesel
BF42	9434, 9435, 9436, 9437, 9438
PG41	1175
PT41	0633, 0645, 1173, 1208
SC43	1171, <b>2038</b> , 2135, 2136, 2137, <b>2546</b> , <b>2547</b> , 4544, 4549, 4659, 5084, 6333, 8332, 9950
ST42	1254, 1255
<b>NSR AVOIDANCE GROUPS</b>	
<b>EQUIPMENT GROUP</b>	<b>EMISSION UNIT I.D. NUMBERS</b>
NSR4 (pka PT41 and portions of PG41)	0633, 0645, 1173, 1208, 1175



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### ATTACHMENT E

#### LIST OF INSIGNIFICANT EMISSION UNITS

Emission Unit ID	Location	Size	Unit	Installation Date	Rule Applicability
1521	International Cargo	350	kw	1992	391-3-1-.02(2)(b), (g) and (mmm), 40 CFR 63 Subpart <u>ZZZZ</u>
4776	Concourse A	500	kw	2001	391-3-1-.02(2)(b), (g) and (mmm)
4825	Domestic Cargo	100	kw	2000	391-3-1-.02(2)(b), (g) and (mmm), 40 CFR 63 Subpart <u>ZZZZ</u>
5939	Concourse B	147	kw	2017	391-3-1-.02(2)(b), (g) and (mmm), 40 CFR 60 Subpart III